

Rejected

Allowed

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Application/Control No.

ANNAN Q SHANG

09877974

Examiner

Applicant(s)/Patent Under Reexamination

HOSEA ET AL.

Art Unit

- Cancelled

N	Non-Elected
ı	Interference

A	Appeal
0	Objected

CL	AIM	DATE										
Final	Original	11/21/2006	05/14/2007	10/29/2007	03/30/2008	10/13/2008	04/27/2009	01/04/2010	09/07/2010	02/14/201		
	1	-	-	-	-			-		-		
	2	-	-	-	-	-	-	-	-	-		
	3	-	-	-	-			-	-	-		
	4	-	-	-	-				-	-		
	5	-	-	-	-	-	-	-	-	-		
	6	-	-	-	-	-	-	-	-	-		
	7	-	-	-	-	-	-	-	-	-		
	8	-	-	-	-	-	-	-	-	-		
	9	-	-	-	-	-	-	-	-	-		
	10	-	-	-	-		-	-	-	-		
	11	-	-	-	-			-	-	-		
	12	-	-		-					-		
	13	-	-	-	-	-	-	-	-	-		
	14	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-		
	16	-	-	-	-	-	-	-	-	-		
	17	-	-	-	-	-	-	-	-	-		
	18	-	-	-	-			-	-	-		
	19	-	-		-					-		
	20	-	-		-					-		
	21	-	-	-	-	-	-	-	-	-		
	22	-	-	-	-	-	-	-	-	-		
	23	-	-	-	-	-	-	-	-	-		
	24	-	-	-	-	-	-	-	-	-		
	25	-	-	-	-			-	-	-		
	26	-	-		-					-		
	27	-	-		-					-		
	28	-	-		-					-		
	29	-	-	-	-	-	-	-	-	-		
	30	-	-	-	-	-	-	-	-	-		
	31	-	-	-	-	-	-	-	-	-		
	32	-	-	-	-	-	-	-	-	-		
	33	-		-			-			-		
	34	-		-			-		-	-		
	35											
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Final	Original	11/21/2006	05/14/2007	10/29/2007	03/30/2008	10/13/2008	04/27/2009	01/04/2010	09/07/2010	02/14/201		
	37	-	-	-	-	-	-	-	-	-		
	38	-	-	-	-	-	-	-	-	-		
	39	-	-	-	-		-	-	-	-		
	40	-	-	-	-		-	-	-	-		
	41	-	-	-	-	-	-	-	-	-		
	42	-	-	-	-	-	-	-	-	-		
	43	-	-	-	-	-	-	-		-		
	44	-	-	-	-	-	-	-		-		
	45	-	-	-	-		-	-		-		
	46	-	-	-	-	-	-	-	-	-		
	47	-	-	-	-	-	-	-	-	-		
	48	-	-	-	-	-	-	-	-	-		
	49	-	-	-	-	-	-	-	-	-		
	50	-	-	-	-	-	-	-	-	-		
	51	-	-	-	-	-	-	-	-	-		
	52	-	-	-	-	-	-	-		-		
	53	-	-	-	-	-	-	-	-	-		
	54	-	-	-	-	-	-	-	-	-		
	55	-	-	-	-	-		-	-	-		
	56	-	-	-	-	-			-	-		
	57	-	-	-	-	-	-	-	-	-		
	58	-	-	-	-	-	-	-	-	-		
	59	-	-	-	-	-	-	-	-	-		
	60	-	-	-	-	-	-	-	-	-		
	61	-	-	-	-	-	-	-	-	-		
	62	-	-	-	-	-	-	-	-	-		
	63	-	-	-	-	-				-		
	64	-	-	-	-	-			-	-		
	65	-	-	-	-	-	-	-	-	-		
	66	-	-	-	-	-	-	-	-	-		
	67	-	-	-	-	-	-	-	-	-		
	68	-	-	-	-	-	-	-	-	-		
	69	-	-	-	-		-		-	-		
	70	N	-	-	-		-			-		
	71	N	-	-	-		-			-		
	72	N		-								



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CL	AIM	DATE										
Final	Original	11/21/2006	05/14/2007	10/29/2007	03/30/2008	10/13/2008	04/27/2009	01/04/2010	09/07/2010	02/14/201		
	73	N	-	-	-	-	-	-		-		
	74	N	-	-	-	-	-	-		-		
	75	N	-	-	-			-		-		
	76	N	-	-	-					-		
	77	N	-	-	-	-		-		-		
	78	N	-	-	-	-	-	-	-	-		
	79	N	-	-	-	-	-	-	-	-		
	80	N	-	-	-	-	-	-		-		
	81	N	-	-	-	-	-	-		-		
	82	N	-	-	-		-	-		-		
	83	N	-	-	-			-		-		
	84	N	-	-	-					-		
	85	N	-	-	-	-	-	-	-	-		
	86	N	-	-	-	-	-	-	-	-		
	87	N	-	-	-	-	-	-	-	-		
	88	N	-	-	-	-	-	-		-		
	89	N	-	-	-	-	-	-		-		
	90	N	-	-	-			-		-		
	91	N	-	-	-					-		
	92	N	-	-	-					-		
	93	N	-	-	-	-	-	-	-	-		
	94	N	-	-	-	-	-	-	-	-		
	95	N	-	-	-	-	-	-	-	-		
	96	N	-	-	-	-	-	-		-		
	97	N	-	-	-			-		-		
	98	N	-	-	-					-		
	99	N	-	-	-					-		
	100	V	4	·	✓	·				-		
	101	V	·	·	· /	V	-	-		-		
	102	V	·	·	· /	V	-	-	-	-		
	103	·	· /	V	1	V	-	-	-	-		
	104	·	· /	V	1	V		-		-		
	105	· ·	· /	V	· /	V				-		
	106	V	√	V	V	/	-	-				
	107	V	√	V	1	/		-				
	108	· ·	1	1	/	1						

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Art Unit

Applicant(s)/Patent Under

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Appeal

Reexamination

ANNAN Q SHANG

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	Claims re	enumbered	in the s	ame o	order as pr	esented by a	pplica	nt		☐ CPA] т.і	D. 🗆	R.1.47
	CLA	IM		DATE										
F	inal	Original	11/21/2	2006	05/14/2007	10/29/2007	03/30/2	8008	10/13/2008	04/27/2009	01/04	/2010	09/07/2010	02/14/2011
		109	V		✓	✓	· ·		· /	-			-	-
		110	V		✓	✓	· ·		· /	-			-	-
		111	·		✓	·	✓		V	-			-	-
		112	-		✓	·	✓		V	-			-	
		113	-		✓	·	✓		V	-				
		114	-		✓	·	✓		V	-				
		115	V	\neg	1	· /	✓		V	-			-	-
		116	V	\neg	1	· /	✓		V	-			-	-
		117	V	\neg	1	· /	✓		V	-			-	-
		118	V		V	V			-	-				-
		119	V		V	V	-		-	-			-	-
		120	_		-	-				-			-	-
		121	V		V	✓	✓		V	-				-
		122	V		1	√	· /		✓	-			-	-
		123	V		✓	✓	· /		√	-			-	-
		124	V		✓	√	✓		√	-			-	-
		125	V		✓	√	✓		√	-			-	-
		126	V		V	· /	✓		V	-			-	-
		127	V		✓	·	✓		V	-			-	-
		128	V		1	√	· ·		✓	-			-	-
		129	V		1	√	· ·		✓	-			-	-
		130	V		✓	✓	· /		V	-			-	-
		131	·	\neg	✓	V	· /		✓	-		-	-	-
		132	V		✓	V	✓		✓	-			-	-
		133	✓		✓	V	✓		✓	-			-	-
		134	✓		✓	✓	✓		✓	-			-	
		135	✓		✓	✓	✓		✓				-	
		136	_		✓	✓	-		✓	-			-	-
		137	·		✓	✓	-		✓	-			-	-
		138	·		✓	✓	· /		✓	-			-	-
		139	V		V	· /			V	-			-	-
		140	V		-	-				-			-	-
		141	_		V	·	· ·		✓	-			-	-
		142	·		✓	✓	✓		✓	-			-	-
		143	_		✓	✓	✓		✓	-			-	-

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Art Unit

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 Rejected
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 Interference

A Appeal
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CL.	AIM					DATE				
Final	Original	11/21/2006	05/14/2007	10/29/2007	03/30/2008	10/13/2008	04/27/2009	01/04/2010	09/07/2010	02/14/20
	145	V	·	·	· /	·				-
	146	V	·	·	-					-
	147	V	·	·	-					-
	148	·	1	1	-					-
	149	V	1	·	· /	/	-	-	-	-
	150	V	1	1	· /	/		-	-	-
	151	V	1	·	V	·		-	-	-
	152	V	-	-		-	-		-	-
	153	V	·	·	V	·				-
	154	V	·	·	V	·				-
	155	V	·	V	V	·				-
	156	V	1	1	1	/				-
	157	V	1	-	· /	/		-	-	-
	158	V	1	·	-	-		-	-	-
	159	V	1	·	-	-		-	-	-
	160	V	·	·	-					-
	161	V	·	·	-					-
	162	V	·	·	-					-
	163	V	V	V	V	V				-
	164	V	1	·	-	· ·				-
	165	V	-	-		-	-		-	-
	166	V	-	·	-	·	-		-	-
	167	V	-	·	-	·	-	-	-	-
	168	V	-	·	-	·	-	-		-
	169						V	-/	·	-
	170						V	-/	·	-
	171						V	-/	·	-
	172						V	-/	/	-
	173						V	-/		-
	174						·	-/	· ·	-
	175						V	1	_	-
	176						·	1	/	-
	177						· ·	1	_	-
	178						·	1	_	-
	179						·	1	_	-
	180							-	-	-

Rejected

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App	licati	on/C	ontro	l No
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09877974

Applicant(s)/Patent Under Reexamination

HOSEA ET AL.

Examiner

Cancelled

Restricted

Art Unit

ANNAN Q SHANG

Non-Elected	A	Appeal		
Interference	0	Objected		

Claims	renumbered	in the same	order as pr	esented by	applicant		☐ CPA	□ т.п	D. 🗆	R.1.47
CL	AIM					DATE				
Final	Original	11/21/2006	05/14/2007	10/29/2007	03/30/2008	10/13/2008	04/27/2009	01/04/2010	09/07/2010	02/14/
	181						V	1	V	-
	182						V	1	V	-
	183						V	1	V	-
	184						1	1	V	-
	185						·	1	V	-
	186						✓	1	V	-
	187						V	1	V	-
	188						V	1	V	-
	189						V	1	V	-
	190						V	1	V	-
	191						V	·	V	-
	192						V	1	V	-
	193						V	1	V	-
	194						V	1	V	-
	195						V	1	V	-
	196						V	1	V	-
	197						V	·	V	-
	198						V	V	V	-
	199						V	1	V	-

N